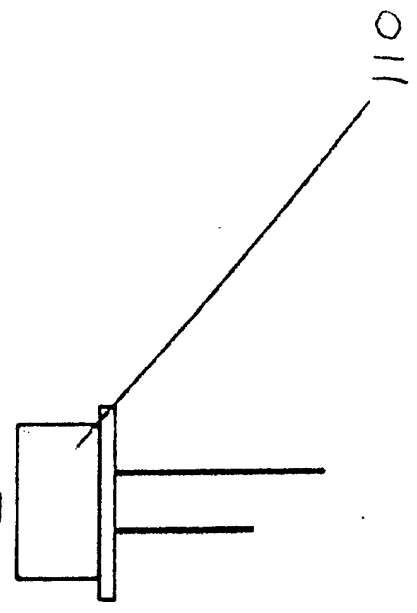


Fig. 3

120

100



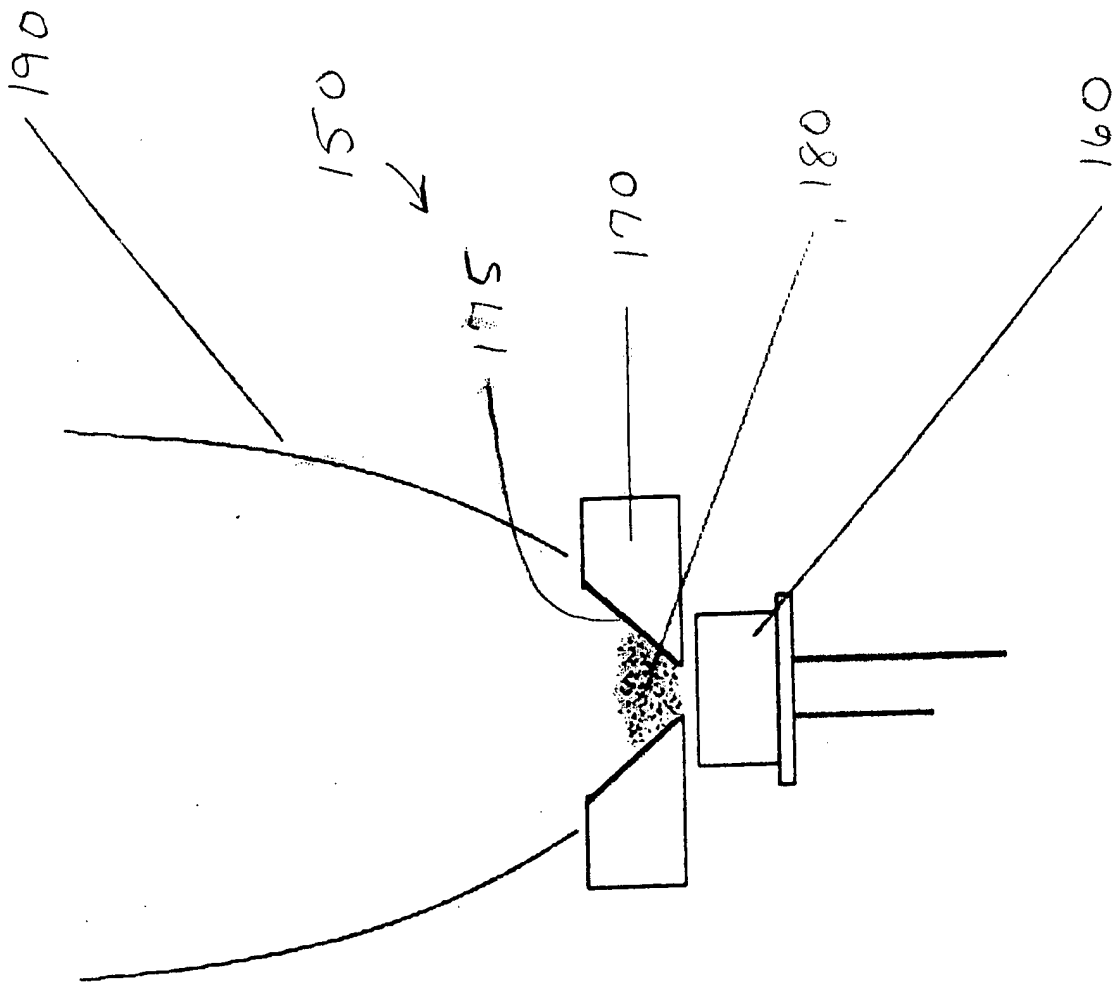


Fig. 4

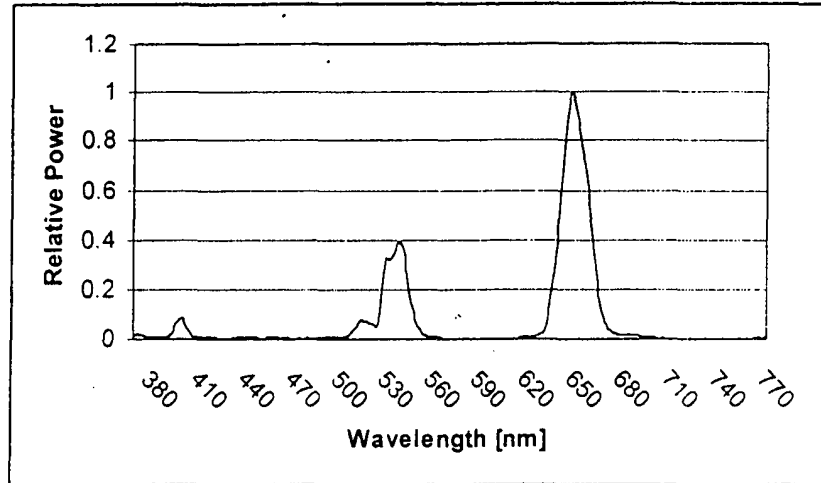


Figure 5. Emission from YF₃:Yb,Er with continuous 980nm pump.

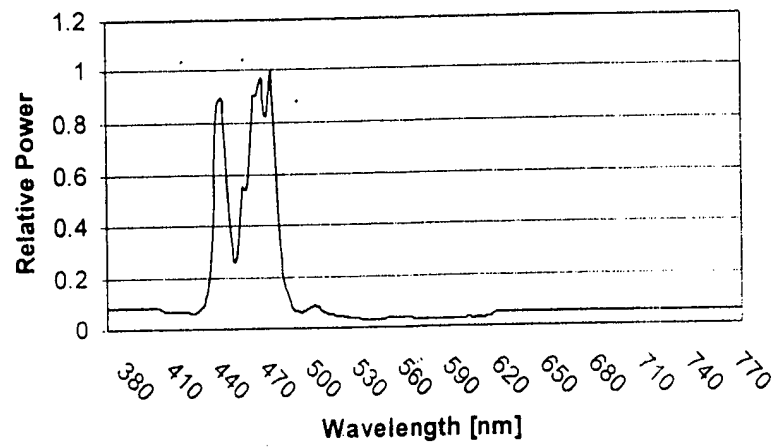


Figure 6. Emission from $\text{LiYF}_4:\text{Th, Yb}$ with continuous 980 pump.

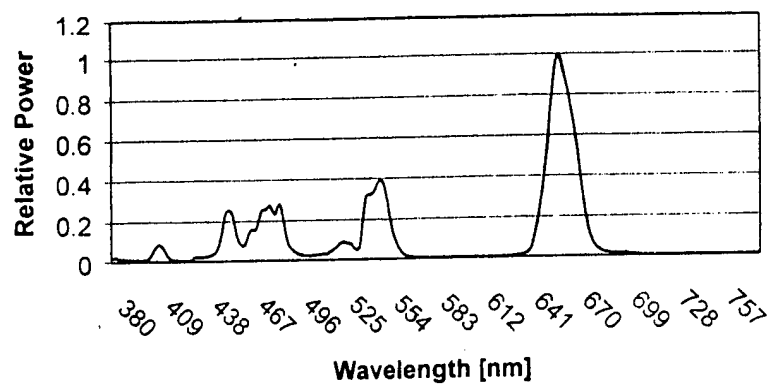


Figure 7. Additive mixture of emissions from $\text{YF}_3\text{:Yb,Er}$ and $\text{LiYF}_4\text{:Th,Yb}$.

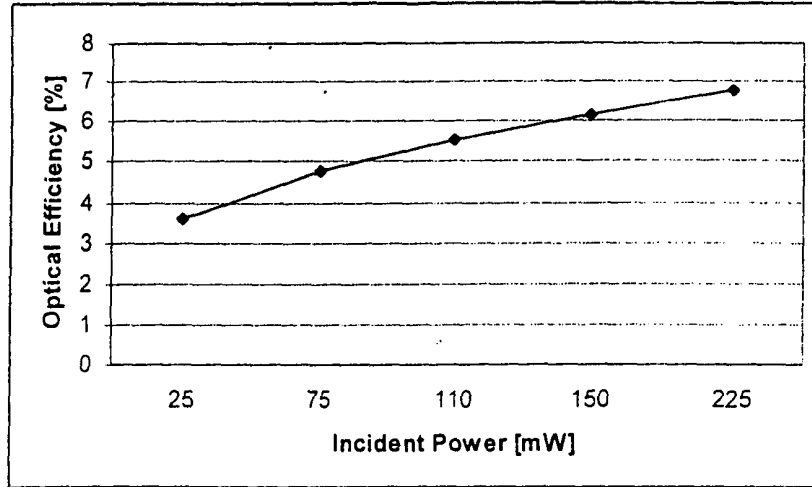


Figure 9. Optical efficiency of the $\text{YF}_3\text{:Yb,Er}$ material scaled to the absorbed power.

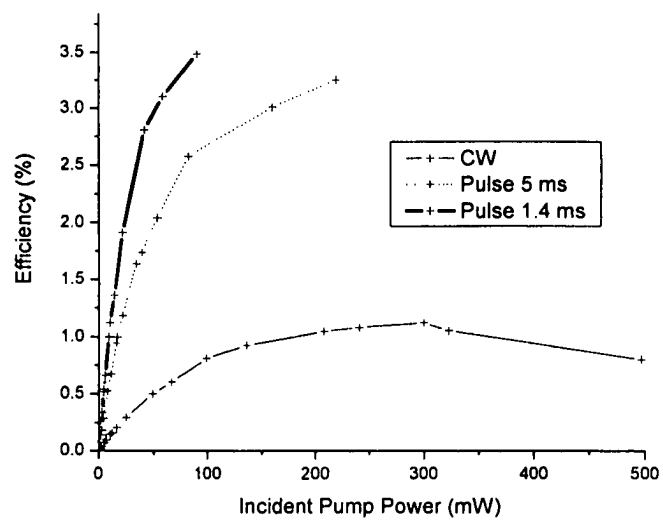
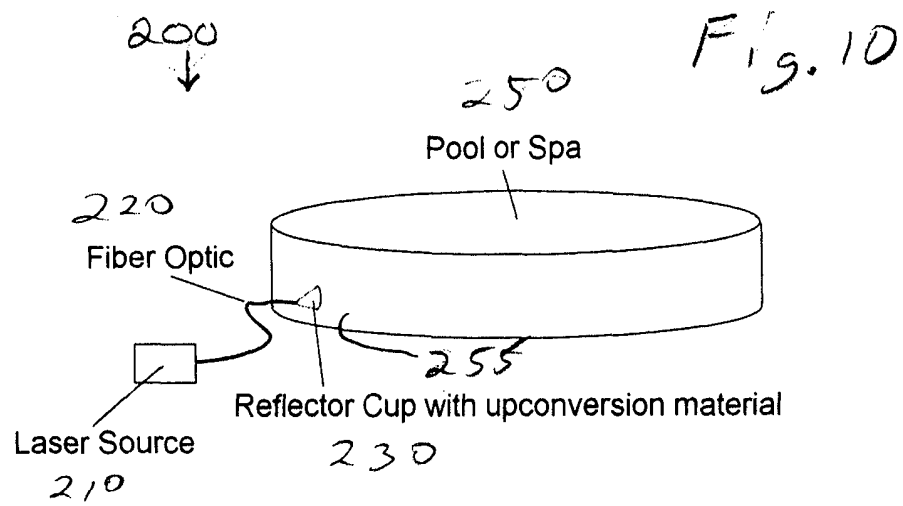


Figure 9: Efficiency of YLiF₄:Yb,Tm for different pulse lengths



Pool or Spa Lighting – Colored light and white light applications.

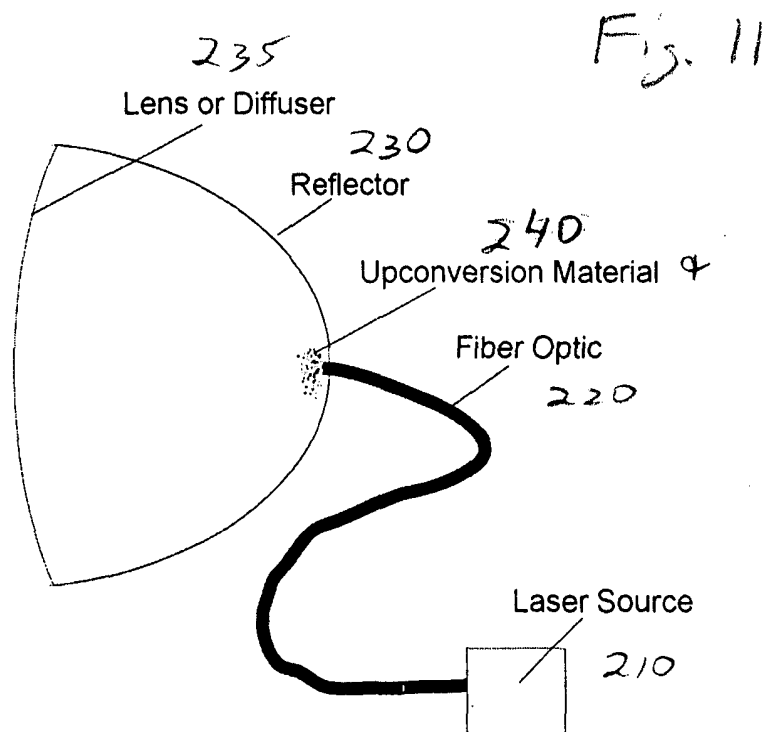
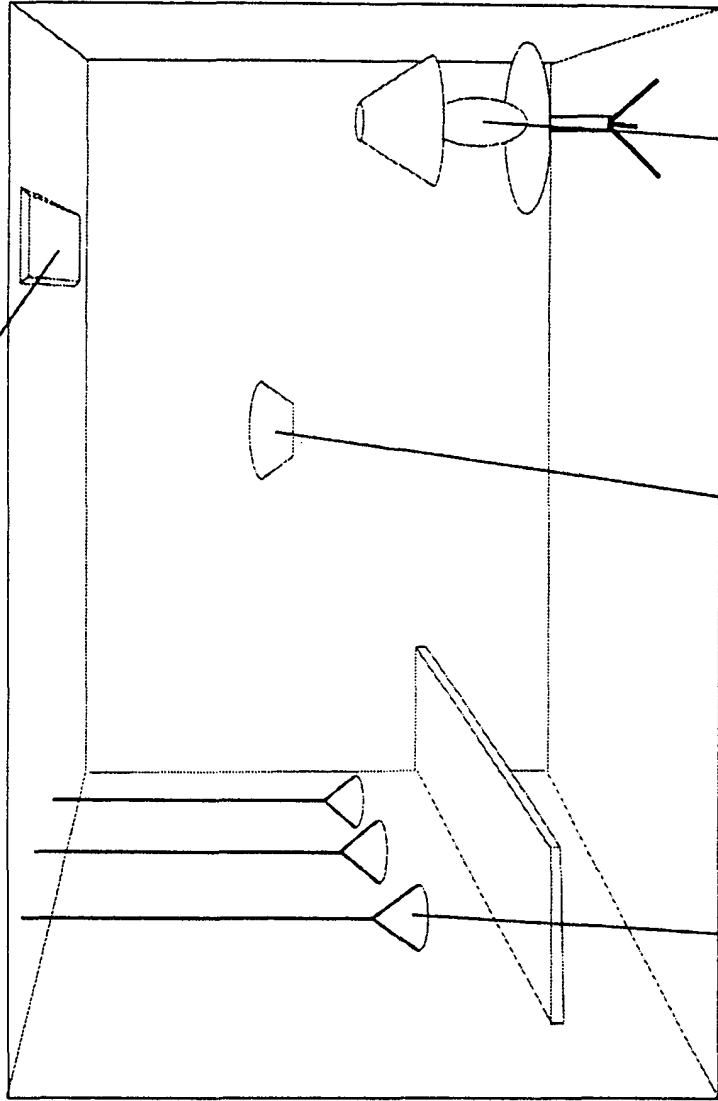


Fig. 12

300x

320

Ceiling or Trough Lighting



Drop or Down Lights

310

Wall Sconce

330

Table Light

340

320